

Rabbit anti-Human, Mouse HADHA Polyclonal Antibody | anti-HADHA antibody

HADHA Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282408	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

HADHA; Polyclonal Antibody; HADHA Rabbit pAb; GBP; ECHA; HADH; LCEH; MTPA; LCHAD; TP-ALPHA; anti-HADHA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-HADHA antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Positive Samples	293F, Mouse kidney
Cellular Location	mitochondrial fatty acid beta-oxidation multienzyme complex, mitochondrial inner membrane, mitochondrial nucleoid, mitochondrion
Research Area	Cancer, Signal Transduction, Endocrine Metabolism, Mitochondrial metabolism, Mitochondrial markers, Lipid Metabolism, Cardiovascular, Lipids, Fatty Acids
Immunogen	Recombinant protein of human HADHA
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of THP-1 cells using HADHA Rabbit pAb (AAA282408) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using HADHA Rabbit pAb (AAA282408) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human liver cancer using HADHA Rabbit pAb (AAA282408) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of various lysates, using HADHA antibody (AAA282408) at 1:600 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.

ADDITIONAL INFORMATION

Related Product Information for anti-HADHA antibody	This gene encodes the alpha subunit of the mitochondrial trifunctional protein, which catalyzes the last three steps of mitochondrial beta-oxidation of long chain fatty acids. The mitochondrial membrane-bound heterocomplex is composed of four alpha and four beta subunits, with the alpha subunit catalyzing the 3-hydroxyacyl-CoA dehydrogenase and enoyl-CoA hydratase activities. Mutations in this gene result in trifunctional protein deficiency or LCHAD deficiency. The genes of the alpha and beta subunits of the mitochondrial trifunctional protein are located adjacent to each other in the human genome in a head-to-head orientation.
Product Categories/Family for anti-HADHA antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	20127408
NCBI GeneID	3030
NCBI Accession #	NP_000173
NCBI GenBank Nucleotide #	NM_000182
UniProt Accession #	P40939 ; Q16679 ; Q53T69 ; Q53TA2 ; Q96GT7 ; Q9UQC5 ; B2R7L4 ; B4DYP2
Molecular Weight	28,367 Da
NCBI Official Full Name	trifunctional enzyme subunit alpha, mitochondrial
NCBI Official Synonym Full Names	hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/enoyl-CoA hydratase (trifunctional protein), alpha subunit
NCBI Official Symbol	HADHA
NCBI Official Synonym Symbols	GBP; ECHA; HADH; LCEH; MTPA; LCHAD; TP-ALPHA
NCBI Protein Information	trifunctional enzyme subunit alpha, mitochondrial; 3-ketoacyl-Coenzyme A (CoA) thiolase, alpha subunit; 3-oxoacyl-CoA thiolase; 78 kDa gastrin-binding protein; hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase
UniProt Protein Name	Trifunctional enzyme subunit alpha, mitochondrial
UniProt Gene Name	HADHA
UniProt Synonym Gene Names	HADH
UniProt Entry Name	ECHA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hadha-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/282408>